

~~B7~~ 18. (Amended) A DNA molecule comprising a sequence of nucleotides encoding a modified M2 polypeptide according to Claim 1 [any one of claims 1 to 6].

~~B7~~ 21. (Amended) A DNA molecule comprising a sequence of nucleotides encoding a modified M2 polypeptide according to Claim 9 [any one of claims 9 to 11].

~~B7~~ 42. (Amended) A composition comprising a modified M2 polypeptide of Claim 1 [any one of claims 1 to 6] and a pharmaceutically acceptable carrier.

~~B7~~ 45. (Amended) A composition comprising a modified M2 polypeptide of Claim 9 [any one of claims 9 to 11] and a pharmaceutically acceptable carrier.

~~B7~~ 47. (Amended) An antibody to a modified M2 polypeptide of Claim 1 [any one of claims 1 to 6].

~~B7~~ 50. (Amended) An antibody to a modified M2 polypeptide of Claim 9 [any one of claims 9 to 11].

~~B7~~ 57. (Amended) A method for determining current of previous exposure of a subject to influenza virus, the method comprising contacting a sample from the subject with a modified M2 protein according to Claim 1 [any one of claims 1 to 6] and detecting the binding of antibodies to the modified M2 protein.

~~B7~~ 60. (Amended) A method for determining current of previous exposure of a subject to influenza virus, the method comprising contacting a sample from the subject with a modified M2 protein according to Claim 9 [any one of claims 9 to 11] and detecting the binding of antibodies to the modified M2 protein.